Amendments to the Claims: (strikethrough parts deleted and underlined parts added)

Please cancel Claims 9 and 10 without prejudice.

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)

8. (Currently Amended) A method of operating a plurality of valves in a spray chamber, said method comprising the steps of:

determining fluid presence at one or more of said valves;

opening one or more of said valves that have fluid present;

activating a pump fluidly connected to said valves; and

determining if a state change is required of any of said valves and executing said state changes if at least two valves are open;

executing a one valve open recovery routine when if a state change is required to open a second valve and only a first valve is currently open, wherein said one valve open recovery routine is comprised of the following steps:

deactivating said pump;

opening said second valve after a delay time; and

reactivating said pump.

9. (Canceled)

10. (Canceled)

11. (Original) The method of operating a plurality of valves in a spray chamber of Claim 8, including the step of performing a routine valve scheduler routine upon said valves for maintaining said valves in their respective desired state.

12. (Original) The method of operating a plurality of valves in a spray chamber of Claim 8 ~~Claim 11~~, wherein said routine valve scheduler routine is comprised of the steps of:

(a) energizing a first valve to an appropriate state; and

(b) repeating step (a) for a next valve.

13. (Original) The method of operating a plurality of valves in a spray chamber of Claim 8 ~~Claim 11~~, wherein said routine valve scheduler routine is comprised of the steps of:

(a) energizing a first valve to an appropriate state; and

(b) repeating step (a) for a next valve after a time period.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Previously Amended) A method of operating a plurality of valves in a spray chamber, said method comprising the steps of:

providing a spray chamber having a plurality of valves, a spray unit, a pump fluidly connected to said spray unit providing a pressurized fluid and a heat producing device;

spraying said heat producing device with said pressurized fluid dispensed from said spray unit;

determining fluid presence at one or more of said valves;

opening one or more of said valves that have fluid present; and

determining if a state change is required of any of said valves and executing said state changes if at least two valves are open.

18. (Previous Added) The method of operating a plurality of valves in a spray chamber of Claim 17, including the step of executing a one valve open recovery routine when if a state change is required to open a second valve and only a first valve is currently open.

19. (Previously Amended) The method of operating a plurality of valves in a spray chamber of Claim 18, wherein said one valve open recovery routine is comprised of the following steps:

deactivating said pump;

opening said second valve after a delay time; and

reactivating said pump.

20. (Previous Added) The method of operating a plurality of valves in a spray chamber of Claim 17, including the step of performing a routine valve scheduler routine upon said valves for maintaining said valves in their respective desired state.

21. (Previous Added) The method of operating a plurality of valves in a spray chamber of Claim 20, wherein said routine valve scheduler routine is comprised of the steps of:

(a) energizing a first valve to an appropriate state; and

(b) repeating step (a) for a next valve.

22. (Previous Added) The method of operating a plurality of valves in a spray chamber of Claim 20, wherein said routine valve scheduler routine is comprised of the steps of:

(a) energizing a first valve to an appropriate state; and

(b) repeating step (a) for a next valve after a time period.

23. (Canceled)

24. (Canceled)